TDM Upgrade Guide

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Purpose

The purpose of this document is to provide steps to upgrade TDM environment from older version to TDM 4.8 and above.

Introductions

TDM Upgrade procedure has changed from upgrading the repository from Datamaker to TDM Portal.

Upgrade Pre-Requisites

Upgrade Path for 4.9

Versions	Suggested Path
4.0	4.0 -> 4.2->4.4->4.6->4.7->4.9
4.1	4.1 -> 4.3->4.6->4.7->4.9
4.2	4.2 -> 4.4->4.6->4.7->4.9
4.3	4.3 -> 4.5 -> 4.7->4.9
4.4	4.4 -> 4.6-> 4.7->4.9
4.5	4.5->4.7->4.9
4.6	4.6->4.7->4.9
4.7	4.7 -> 4.9
4.8	4.8 -> 4.9



Download Media

You can download the media from Broadcom Support

SEARCH : test data manager						
PRODUCTS	RELEASE	SERVICEPACK	DOCKER	CART	DOWNLOAD	FTP
CA Test Data Manager Data Source Type Seeding MULTI- PLATFORM	4.6	0000		<u>\</u> +	\bigcirc	фА FTP
CA Test Data Manager for Data Generation and Test Matching Seeding MULTI-PLATFORM	4.8	0000		Ţ÷	\bigcirc	фА FTP
CA Test Data Manager for Masking and Subsetting Seeding MULTI-PLATFORM	4.8	0000		Ţ÷	\bigcirc	AA FTP
CA Test Data Manager for Data Generation and Test Matching MSP MULTI-PLATFORM	4.8	0000		Ţ÷	\bigcirc	фА FTP
CA Test Data Manager for Test Data on Demand MSP MULTI- PLATFORM	4.8	0000		Ţ÷	\bigcirc	AL FTP

Download the required files as per your environment requirement.

CA Test Data Manager Full Package – For both DataMaker and TDM portal upgrade on Windows. **CA Test Data Manager Portal for Docker –** TDM portal on docker

CA Test Data Manager for Data Generation and Test Matching MSP					4.8	> Se	ervice Pack 000 ▼
SEARC	:Н:				4.8 AC 4.7 4.6	Do Pa	wnload ackage
RELEASE	SERVICEPACK	COMPONENT	DATE	DOCKER	CART 4.5	AD	FTP
4.8.1	0000	CA Test Data Manager Repository Kit 4.8.1 GEN000000000662.ZIP For Docker Upgrade	Jul 25 2019 11:18AM		<u>+</u>	¢	۲۳ FTP
4.8.1	0000	CA Test Data Manager Portal for Docker 4.8. GEN0000000000301.zip	i Jul 24 2019 8:35AM		Ţ +	\bigcirc	FTP FTP
4.8.1	0000	CA Test Data Manager Portal for Docker (image kit) 4.8.1 GEN0000000000302.zip	Jul 24 2019 8:37AM		<u>+</u>	¢	АА FTP
4.8.1	0000	CA Test Data Manager Portal for Docker (image bundle) 4.8.1 GEN00000000033.zip Potel and Datamaber Ungrade	Jul 24 2019 8:28AM		<u>]</u> +	¢	AN FTP
4.8.1	0000	CA Test Data Manager Full Package 4.8.1 GEN000000000262.ZIP	Jul 24 2019 8:32AM		<u>\</u> +	\bigcirc	AA FTP



Backup

Repository Backup

We recommend that you backup your **gtrep repository** before you upgrade the CA TDM software. This process varies depending on your database. Check with your Database Administrator for more information on how to proceed.

TDM Portal

NOTE: Stop the **TDM Portal** and **OrientDB services** before performing the below steps.

Folders	Note	Comments
C:\Program Files\CA\CA	Copy the Entire folder and	Recommended
Test Data Manager Portal	Store it in the Backup Folder	
C:\Program Data\CA\CA Test	Copy the Entire folder and	Recommended
Data Manager Portal	Store it in the Backup Folder	
C:/ProgramData/CA/CA Test	Copy the orientdb folder	Mandatory
Data Manager	and store it in Backup Folder	
Portal/orientdb/databases/		
C:/ProgramData/CA/CA Test	Copy the Entire folder and	Recommended
Data Manager Portal/	Store it in the Backup Folder	
C:/ProgramData/CA/CA Test	Delete all the files from the	Mandatory
Data Manager Portal/logs	logs folder	

DataMaker

NOTE: Stop the CA TDoD Service and CA Remote Publish services before performing the below steps.

Folders	Note	Comments
C:\Grid-Tools\	Copy the Entire folder and	Recommended
	Store it in the Backup Folder	
C:\Program Files (x86)\Grid-Tools\	Copy the Entire folder and	Recommended
	Store it in the Backup Folder	



Upgrade Process

Upgrade TDM Portal

TDM Portal Upgrade on Windows

Step by Step process guides you the upgrade process.

• Stop the **TDM Portal** and **OrientDB services** before performing the below steps.

CA IDOD Service	CA TUOU Se	Automatic	Local Syste
CA Test Data Manager Portal	Manages an	Automatic	Local Syste
🖓 Certificate Propagation	Copies user Running	Manual	Local Syste
🎎 CNG Key Isolation	The CNG ke Running	Manual (Trig	Local Syste
Si OrientDB	OrientDB	Automatic	Local Syste
🗥 Derfermanes Counter DIT Hest	Eachles see	Manual	Least Convine

• Right click on the installation file and choose **Run as Administrator**

Name			Date modified	Туре	Size
🔁 setup_CA Test Data î		Open		Application	676,163 KB
Setup_GTServer_4.9.	•	Run as administra	tor	Application	1,024,041 KB
ľ		Troubleshoot com	patibility		

Choose Next

岁 CA T	est Data Manager Portal Setup	×
	Welcome to the CA Test Data Manager Portal Setup Wizard	
	The Setup Wizard will install CA Test Data Manager Portal your computer. Click "Next" to continue or "Cancel" to exi the Setup Wizard.	on t
	< Back Next > Cancel	



• Accept the License Agreement and select Next

CA 😽	Test Data Manager Portal Setup	×
End User License Agree	ment	
Please read the following	license agreement carefully	2
CA End User Lice the CA software well as the asso	ense Agreement (the "Agreement") for product that is being installed as ociated documentation and any SDK, as	^
defined below, i Product").	included within the product ("the	
Carefully read to regarding your to and using the Pr	the following terms and conditions use of the Product before installing reduct. Throughout this Agreement.	
you will be refe	erred to as "You" or "Licensee."	~
 I accept the terms in t 	the License Agreement	*
O I do not accept the te	rms in the License Agreement	
dvanced Installer		
	< Back Next > Can	cel

• Note the upgrade version FROM and TO, Select **Next** to proceed with the upgrade.





• Select **Upgrade** to proceed with the upgrade.



• Select "Start CA Test Data Manager Portal" Service to start the Service automatically and "Finish" to complete the TDM Upgrade.

CA CA	Test Data Manager Portal Setup	×
	Completing the CA Test Data Manager Portal Setup Wizard	
	Click the "Finish" button to exit the Setup Wizard.	
	✓ Start "CA Test Data Manager Portal" service	
	< Back Finish Cancel	

• Check the **TDM Portal** and **OrientDB services**, It should be started and running.

1444 - 1 1 1				
🔍 CA Test Data Manager Portal	Manages an	Running	Automatic	Local Syste
Gertificate Propagation	Copies user	Running	Manual	Local Syste
CNG Kev Isolation	The CNG ke	Runnina	Manual (Trig	Local Syste
😘 Optimize drives	Helps the c		Manual	Local Syste
🖓 OrientDB	OrientDB	Running	Automatic	Local Syste
Seformance Counter DLL Host	Enables rem		Manual	Local Service

• Optionally clear Browsing Data for the Chrome or Internet Explorer Browser.

	Clea	ar browsing data			
		Basic		Advanced	
	Time	e range All time	•		
	~	Browsing history Clears history and autoco	ompletions in the address	bar.	
	~	Cookies and other site da Signs you out of most sit	ata es.		
C. Performa	✓	Cached images and files Frees up less than 1 MB. visit.	Some sites may load mor	re slowly on your next	Local Service
				Cancel Clear data	

• Check the TDM Portal logs

Name	 Date modified 	Туре	Size
TDMModelService.log	2/3/2020 8:12 AM	Text Document	190 KB
TdmWeb.log	2/3/2020 8:12 AM	Text Document	48 KB
TDMvDataService.log	2/3/2020 8:11 AM	Text Document	20 KE
TDMService.log	2/3/2020 8:11 AM	Text Document	43 KE
DMPublish.log	2/3/2020 8:11 AM	Text Document	21 KB
DMProjectService.log	2/3/2020 8:11 AM	Text Document	23 KE
TDMOrchestration.log	2/3/2020 8:10 AM	Text Document	18 KE
TDMMaskingService.lvntest004655.log	2/3/2020 8:10 AM	Text Document	29 KB
TDMJobEngine.log	2/3/2020 8:11 AM	Text Document	37 KB
TDMLegacyExecuterService.log	2/3/2020 8:10 AM	Text Document	18 KE
TDMGeneratorService.log	2/3/2020 8:09 AM	Text Document	47 KE
DMFindReserve.log	2/3/2020 8:09 AM	Text Document	22 KB
TDMEventService.log	2/3/2020 8:09 AM	Text Document	27 KE
TDMDataReservation.log	2/3/2020 8:09 AM	Text Document	31 KB
TDMConnectionProfileManager.log	2/3/2020 8:09 AM	Text Document	23 KE
TDMDataFlowService.log	2/3/2020 8:09 AM	Text Document	19 KE
TDMSchemaManagementStartup.log	2/3/2020 8:08 AM	Text Document	7 KE
startup.log.lck	2/3/2020 8:08 AM	LCK File	0 KE
C status los	2/3/2020 8-06 AM	Text Document	1.023 KB



• After all the logs are created, TDM portal should be UP and Running





TDM Portal Upgrade on Docker

Note: Used the Oracle Docker container, if you are using Oracle server, you can skip the Oracle steps.

Download the TDM Docker Images

Using the "CA Test Data Manager Portal for Docker 4.9" from CA downloads

Extract the file using below command

tar -xvf TDM_Portal_docker-4.9.0.12.tgz

<pre>[root@lvnga006717 TDM4.9]# tar -xvf TDM_Portal_docker-4.9.0.12.tgz</pre>
./
./TDM_images/
./TDM_images/orientdb/
./TDM_images/orientdb/orientdb-2.2.33.tgz
./TDM_images/tdmweb/
./TDM_images/tdmweb/tdmweb-4.9.0.12.tgz
./TDM_images/action-service/
./TDM_images/action-service/action-service-4.9.0.12.tgz
./TDM_images/messaging/
./TDM_images/messaging/messaging-4.9.0.12.tgz
./TDM_images/tdmtools/
./TDM_images/tdmtools/tdmtools-4.9.0.12.tgz
./TDM_images/masking/
./TDM_images/masking/masking-4.9.0.12.tgz
./README-RUN.md
./docker-compose-messaging.yml
./docker-compose-masking.yml
./README-UPGRADE.md
./README-INSTALL.md
./backup-volumes-4.7.sh
./docker-compose-ora.yml
./docker-compose.yml
./restore-volumes-from-4.7-backup.sh

NOTE:

You can view README-RUN.md to read more information README-Install.md for new TDM installation and README-Upgrade.md for TDM upgrade.



Import new Docker images:

```
gunzip -c ./TDM images/orientdb/orientdb-2.2.33.tgz | docker load
[root@lvnqa006717 TDM4.9]# gunzip -c ./TDM_images/orientdb/orientdb-2.2.33.tgz | docke
  load
                                         127.6MB/127.6MB
11.78kB/11.78kB
15.87kB/15.87kB
3.072kB/3.072kB
96eda0f553ba: Loading layer
bd95983a8d99: Loading layer
293b479c17a5: Loading
fa1693d66d0b: Loading
                               layer
                               layer
5ee193656ff8: Loading layer
                                         8.044MB/8.044MB
03848a540a1a: Loading layer
                                         40.87MB/40.87MB
667ca85c72c4: Loading layer
50d55594de41: Loading layer
6b212006b132: Loading layer
0677eeb2ed69: Loading layer
                                         107.4MB/107.4MB
11.14MB/11.14MB
52.77MB/52.77MB
4.608kB/4.608kB
69f2c7d2a7b3: Loading layer
                                         38.4kB/38.4kB
2423dcec9177: Loading layer 4.096kB/4.096kB
Loaded image: tdm/orientdb:2.2.33
[root@lvnqa006717 TDM4.9]#|
```

gunzip -c ./TDM images/tdmtools/tdmtools-4.9.0.12.tgz | docker load

```
[root@lvnqa006717 TDM4.9]# gunzip -c ./TDM_images/tdmtools/tdmtools-4.9.0.12.tgz | docke
r load
dca2de535dd4: Loading layer 931.3kB/931.3kB
92eacb00e375: Loading layer 229.7MB/229.7MB
099f3241793d: Loading layer 756.9MB/756.9MB
Loaded image: tdm/tdmtools:4.9.0.12
[root@lvnqa006717 TDM4.9]# |
```

```
gunzip -c ./TDM images/tdmweb/tdmweb-4.9.0.12.tgz | docker load
```

[root@lvnqa006717 TDM4.9]# g	unzip -c ./TDM_images/tdmweb/tdmweb-4.9.0.12.tgz docker lo
ad	
b378f4c44f62: Loading layer	1.256MB/1.256MB
82e5548552ee: Loading layer	10.74MB/10.74MB
585ded39ad93: Loading layer	6.854MB/6.854MB
afc292122a84: Loading layer	38.4kB/38.4kB
fad421221ffa: Loading layer	50.69kB/50.69kB
d743bafa558b: Loading layer	36.86kB/36.86kB
5aa427d67b05: Loading layer	65.02MB/65.02MB
6ead558a28c4: Loading layer	4.608kB/4.608kB
5efdbea9257f: Loading layer	158.2kB/158.2kB
Oef496c01a43: Loading layer	28.16kB/28.16kB
c009c9cf13d0: Loading layer	3.238MB/3.238MB
5df34260ab25: Loading layer	64kB/64kB
8932152eca48: Loading layer	24.06kB/24.06kB
8d9ec54c5073: Loading layer	93.7kв/93.7kв
Of9e62dc4148: Loading layer	1.091GB/1.091GB
91045eec3b21: Loading layer	5.027мв/5.027мв
a111d73771d9: Loading layer	13.31kB/13.31kB
41ad8b2a7336: Loading layer	27.65kB/27.65kB
Loaded image: tdm/tdmweb:4.9	.0.12
[root@lvnga006717 TDM4.9]#	



gunzip -c ./TDM_images/action-service/action-service-4.9.0.12.tgz | docker load

[root@lvnqa006717 TDM4.9]# gunzip -c ./TDM_images/action-service/action-service-4.9.0.12 .tgz | docker load 4f2e321b5320: Loading layer 38.36MB/38.36MB 8f98c698000f: Loading layer 5.632kB/5.632kB Loaded image: tdm/action-service:4.9.0.12

<pre>gunzip -c ./TDM_images/messaging/messaging-4.9.0.12.tgz docker load</pre>	
[root@lvnqa006717 TDM4.9]# gunzip -c ./TDM_images/messaging/messaging-4.9.0.12.tgz dq	C
ker load	
bb853e567789: Loading layer 3.627MB/3.627MB	
6f1d3acd28e0: Loading layer 40.87MB/40.87MB	
f85c5ad9a5d1: Loading layer 107.4MB/107.4MB	
8d93c2c8878a: Loading layer 38.4kB/38.4kB	
712cfcfc3ed0: Loading layer 4.096kB/4.096kB	
12a9cf1f8a89: Loading layer 4.096kB/4.096kB	
3cfa6c74ae23: Loading layer 37.5MB/37.5MB	
7a09c61e12a0: Loading layer 4.096kb/4.096kb	
15cfbc2bd044: Loading laver 5.12kB/5.12kB	
fde25c105009: Loading laver 7.168kB/7.168kB	
2fa08a066b79: Loading laver 447.5kb/447.5kb	
Loaded image: tdm/messaging:4.9.0.12	

gunzip -c ./TDM images/masking/masking-4.9.0.12.tgz | docker load

[root@lvnqa006	5717 TDM4.9]# g	unzip -c ./TDM_i	mages/masking/ma	asking-4.9.0.12.	tgz doc	ker
load						
03271d425a37:	Loading layer	933.4kB/933.4kB				
da9ad2c7425a:	Loading layer	38.4kB/38.4kB				
69ad6dbde316:	Loading layer	158.2kB/158.2kB				
4238045463f3:	Loading layer	28.16kB/28.16kB				
f22fb1b70b03:	Loading layer	3.238MB/3.238MB				
cb116ae5dd89:	Loading layer	53.45MB/53.45MB				
ec622094a7a5:	Loading layer	5.027MB/5.027MB				
2489fa02ce62:	Loading layer	13.31kB/13.31kB				
88154484cd29:	Loading layer	6.144kB/6.144kB				
92deb6841303:	Loading layer	163.9MB/163.9MB				
12f079709288:	Loading layer	7.68kB/7.68kB				
4d38ae339bb5:	Loading layer	27.65kB/27.65kB				
f27ee7d8fb94:	Loading layer	4.096kB/4.096kB				
6c558aaaf953:	Loading layer	3.584kB/3.584kB				
Loaded image:	tdm/masking:4.	9.0.12				

Backup the Docker containers

IMPORTANT NOTE: Make sure you stop all the container before the backup.

Stop all the containers

docker containe	r ls -a			
[root@lvnqa006717 o	pt]# docker container ls -a			
CONTAINER ID	IMAGE	COMMAND	CREATED	
STATUS	PORTS			NAMES
844e0f7444d7	tdm.packages.ca.com/tdm/tdmweb:4.8.100.3	"/opt/tdm/bin/tdmweb"	8 weeks	ago
Exited (137) 44 hou	rs ago			tdm48_tdmw
eb_1				
84d0c51ff4b8	tdm.packages.ca.com/tdm/masking:4.8.100.3	"/opt/tdm/bin/tdmweb…"	8 weeks	ago
Up 8_weeks	8080/tcp			tdm48_mask
ing_2				
1e49fe7ac8ce	tdm.packages.ca.com/tdm/masking:4.8.100.3	"/opt/tdm/bin/tdmweb"	8 weeks	ago
Up 8 weeks	8080/tcp			tdm48_mask
1ng_3			0	
b2d029ad6cc2	tdm.packages.ca.com/tdm/masking:4.8.100.3	"/opt/tdm/bin/tdmweb"	8 weeks	ago
Up 8 weeks	8080/tcp			tdm48_mask
Ing_I	the period of the test of the second	"/out/tdu/bis/outout "	0	
D97a56609a21	tom.packages.ca.com/tom/orientob:2.2.33	/opt/tam/bin/orient	8 weeks	ago
EXILED (137) 44 HOU	rs ago			Lam48_or re
ntab_1	tdm packages ca com/tdm/massaging:1 8 100 3	"/ont/tdm/cot_cnode_ "	8 wooks	200
beelb3Coedou	Lum.packages.ca.com/Lum/messaging:4.6.100.5	25672/tcp 0.0.0.0.5671	o weeks	ago
op o weeks	4309/tcp, 50/2/tcp, 150/1-150/2/tcp,	230/2/tcp, 0.0.0.0.30/1->	50/1/ LCb	Lum4o_mess
cdddda5924o8	store/oracle/database_enterprise:12 2 0 1	"/hin/sh _c '/hin/ha "	8 wooks	006
Up 8 wooks (hoalthy	$0.0.0.0.1521 \times 1521/tcn = 5500/tcn$	/bm/sn -c /bm/ba	o weeks	tdm/8 orac
ledb 1	0.0.0.0.1321 - 31321/10p, 3300/10p			cum40_01 ac
ICUD_1				

docker stop <<Container ID>>

[root@lvnga006717 TDM4.9]# docker ps

[root@lvndev000631	tdm4.8.1]# docker ps				
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
	NAMES				
7cfd2def8bb4	tdm.packages.ca.com/tdm/tdmweb:4.8.100.3	"/opt/tdm/bin/tdmweb…"	11 seconds ago	Up 10 seconds	8080/tcp,
0.0.0.0:8443->8443	/tcp tdm481_tdmweb_1				
10b7b940e45b	tdm.packages.ca.com/tdm/orientdb:2.2.33	"/opt/tdm/bin/orient…"	12 seconds ago	Up 11 seconds	2424/tcp,
2480/tcp	tdm481_orientdb_1				
12b8b6d5fa13	store/oracle/database-enterprise:12.2.0.1	"/bin/sh -c '/bin/ba…"	37 minutes ago	Up 37 minutes (healthy)	0.0.0.0:15
21->1521/tcp, 5500	/tcp tdm481_oracledb_1				
[root@lvndev000631	tdm4.8.1]# docker logs 7cfd2def8bb4				
First container st	artup				
Default config sta	rted				

[root@lvnqa006717 TDM4.9]# docker-compose stop Stopping tdm49_orientdb_1 ... done

[root@lvnqa006717 TDM4.9]# docker ps

[root@lvndev000631	tdm4.8.1]# docker ps				
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
	NAMES				
7cfd2def8bb4	tdm.packages.ca.com/tdm/tdmweb:4.8.100.3	"/opt/tdm/bin/tdmweb…"	11 seconds ago	Up 10 seconds	8080/tcp,
0.0.0.0:8443->8443/	tcp tdm481_tdmweb_1				
10b7b940e45b	tdm.packages.ca.com/tdm/orientdb:2.2.33	"/opt/tdm/bin/orient…"	12 seconds ago	Up 11 seconds	2424/tcp,
2480/tcp	tdm481_orientdb_1				
12b8b6d5fa13	store/oracle/database-enterprise:12.2.0.1	"/bin/sh -c '/bin/ba…"	37 minutes ago	Up 37 minutes (healthy)	0.0.0.0:15
21->1521/tcp, 5500/	tcp tdm481_oracledb_1				
[root@lvndev000631	tdm4.8.1]# docker logs 7cfd2def8bb4				
First container sta	rtup				
Default config star	ted				

[root@lvnqa006717 TDM4.9]# docker stop 7cfd 10b7 12b8 7cfd 10b7 12b8

[root@lvnqa006717 TDM4.9]# docker ps CONTAINER ID IMAGE STATUS PORTS

COMMAND

CREATED

- Create a Backup folder For Example: /opt/Backup
- Make sure you execute backup commands from Backup folder
- Backup of Oracle OrientDB and TDMWeb containers

Connect to the existing volume and take the backup

docker ps

[root@lvndev000631	tdm4.8.1]# docker ps				
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
	NAMES				
7cfd2def8bb4	tdm.packages.ca.com/tdm/tdmweb:4.8.100.3	"/opt/tdm/bin/tdmweb…"	11 seconds ago	Up 10 seconds	8080/tcp,
0.0.0.0:8443->8443/	tcp tdm481_tdmweb_1				
10b7b940e45b	tdm.packages.ca.com/tdm/orientdb:2.2.33	"/opt/tdm/bin/orient…"	12 seconds ago	Up 11 seconds	2424/tcp,
2480/tcp	tdm481_orientdb_1				
12b8b6d5fa13	store/oracle/database-enterprise:12.2.0.1	"/bin/sh -c '/bin/ba…"	37 minutes ago	Up 37 minutes (healthy)	0.0.0.0:15
21->1521/tcp, 5500/	tcp tdm481_oracledb_1				
[root@lvndev000631	tdm4.8.1]# docker logs 7cfd2def8bb4				
First container sta	rtup				
Default config star	ted				

tdm481_tdmweb_1 is the 4.8 TDMWeb container name tdm481_orientdb_1 is the 4.8 Orient DB container name tdm481_oracledb_1 Oracle DB container name TDBWeb Backup

docker run --rm --volumes-from **tdm481_tdmweb_1** -v \$(pwd):/backup alpine sh -c "tar -cvzf /backup/portal-volumes.tar.gz /mnt/logs /mnt/storage /mnt/fdmconfig"

OrientDB Backup

docker run --rm --volumes-from tdm481_orientdb_1 -v \$(pwd):/backup alpine sh -c "tar -cvzf /backup/orientdb-volumes.tar.gz /orientdb/backup /orientdb/config /orientdb/databases"

Oracle Backup

docker run --rm --volumes-from **tdm481_oracledb_1** -v \$(pwd):/backup alpine sh -c "tar -cvzf /backup/oracle-volumes.tar.gz **/ORCL**"

Note: To get the Volume of Oracle

docker container inspect tdm48_oracledb_1 | less





Modify the compose files

docker-compose.yml File

Make sure the 4.9 image is correct and Oracle GTREP data details are entered.

1	version: '3.5'
2	
3	-networks.
4	default:
5	name: tdm default
6	services.
7	- orientdb:
8	image: tdm packages ca com/tdm/orientdb·2 2 33
9	hostname: orientdb
õ	environment:
1	#- 'ORIENTDE ROOT PASSWORD=marmite'
2	- 'ORIENTDE ROOT PASSWORD={cry}tHpzgryNbtVu6uHGNd9EdlAuwMR300L0sAXbBWdgM3Md'
3	volumes:
4	- 'orientdb backup:/orientdb/backup'
5	- 'orientdb config'/orientdb/config'
6	- 'orientdb databases:/orientdb/databases'
7	tdmweb:
8	image: tdm.packages.ca.com/tdm/tdmweb:4.9.0.12
9	hostname. tumweb
20	environment:
21	# Customise connection to an external gtrep
22	- 'GTREP HOST=oracledb'
23	- 'GTREP PORT=1521'
24	- 'GTREP'USER=GTREP'
25	- 'GTREP PASSWORD=CAdemo123'
26	# Default values for Oracle are:
27	#- 'GTREP DB TYPE=oracle'
28	#- 'GTREP SERVICE NAME=orcl'
29	- 'GTREP DB TYPE=oracle'
30	- 'GTREP SERVICE NAME=ORCLCDB.localdomain'
31	# Default values for SQL Server are:
32	#- 'GTREP DB TYPE-sqlserver'
33	#- 'GTREP DATABASE=gtrep'
34	#- 'ORIENTDB PASSWORD=marmite'
35	 'ORIENTDB_PASSWORD={cry}tHpzgrvNhtVu6uHGNd9EdlAuwMR300L0sAXhBWdgM3Md'
36	# Make sure the MESSAGING_* properties define connection to the actual TDM Messaging Service
37	# or are commented out, if no scalable masking is needed.

docker-compose-ora.yml file





docker-compose-masking.yml file

version: '3.5'
networks:
default:
name: tdm_default
services:
masking:
<pre>image: tdm.packages.ca.com/tdm/masking:4.9.0.12</pre>
environment:
- 'MESSAGING_SERVER=messaging'
- 'MESSAGING_PORT=5671'
Specify your messaging credentials here
These values should match the credentials which have been specified
in the tdmweb container above. These are the user credentials
that the masking service will use to connect to the message broker.
- 'MESSAGING_USER=Admin'
- 'MESSAGING_PASS={cry}1hY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8'
depends_on:
- messaging
volumes:
- 'masking_storage:/mnt/storage'
- 'masking_logs:/mnt/logs'
- 'masking_seedtables:/mnt/seedtablesCustom'
volumes:
masking_logs:
masking_storage:
masking_seedtables:
docker-compose-messaging.ymi File
retston: 5.5.
networks:
default:
name: tdm_default
Services:
image: tdm.packages.ca.com/tdm/messaging:4.9.0.12
hostname: messaging
ports:
<pre># Expose rabbitmq port in order to make it possible to scale with remote masking engin - '5671:5671'</pre>
Expose port 156/1 to allow HTTPS access to the rabbitmg management console.
environment:
- RABBITMQ_LOG_BASE=/var/log/rabbitmq/log
- RABBITMQ_LOGS=/var/log/rabbitmq/log/rabbitmq.log
- RABBITMQ_SASL_LOGS=/var/log/rabbitmq/log/rabbitmq_sasl.log
These values should match the credentials which have been specified
in the tdmweb and masking containers above. These credentials will
be used to create a user on the message broker.
- 'DEFAULT USEB=Admin'
<pre>- 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' # SSL selfsigned certificate only</pre>
 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' # SSL selfsigned certificate only RABBITMO SSL CACERTFILE=/home/testca/cacert.pem
 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' # SSL selfsigned certificate only RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem RABBITMQ_SSL_CERTFILE=/home/server/cert.pem
 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' # SSL selfsigned certificate only RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem RABBITMQ_SSL_CERTFILE=/home/server/cert.pem RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false
 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' \$\$ SSL selfsigned certificate only RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem RABBITMQ_SSL_CERTFILE=/home/server/cert.pem RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false RABBITMQ_SSL_KEYFILE=/home/server/key.pem
 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a108lxy8YLuUVRMCr8' \$\$ SSL selfsigned certificate only RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem RABBITMQ_SSL_CERTFILE=/home/server/cert.pem RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false RABBITMQ_SSL_KEYFILE=/home/server/key.pem RABBITMQ_SSL_VERIFY=verify_none
<pre>- 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a108lxy8YLuUVRMCr8' # SSL selfsigned certificate only - RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem - RABBITMQ_SSL_CERTFILE=/home/server/cert.pem - RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false - RABBITMQ_SSL_KEYFILE=/home/server/key.pem - RABBITMQ_SSL_VERIFY=verify_none volumes: - 'messaging_rabbitmgdb;/var/lib/rabbitmg'</pre>
<pre>- 'DEFAULT_PASS={cry}lhY5pZrm87PWjgPdmypDbVZnL4a108lxy8YLuUVRMCr8' # SSL selfsigned certificate only - RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem - RABBITMQ_SSL_CERTFILE=/home/server/cert.pem - RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false - RABBITMQ_SSL_KEYFILE=/home/server/key.pem - RABBITMQ_SSL_VERIFY=verify_none volumes: - 'messaging_rabbitmqdb:/var/lib/rabbitmq' rolumes:</pre>
<pre>- 'DEFAULT_PASS={cry}hY5pZrm87PWjgPdmypDbVZnL4a1081xy8YLuUVRMCr8' # SSL selfsigned certificate only - RABBITMQ_SSL_CACERTFILE=/home/testca/cacert.pem - RABBITMQ_SSL_CERTFILE=/home/server/cert.pem - RABBITMQ_SSL_FAIL_IF_NO_PEER_CERT=false - RABBITMQ_SSL_KEYFILE=/home/server/key.pem - RABBITMQ_SSL_VERIFY=verify_none volumes:</pre>

Restore the TDM containers

TDMWeb Restore

Make sure you run the restore commands from backup directory (Example opt/Backup

docker run --rm --volumes-from **tdm49_tdmweb_1** -v \$(pwd):/backup alpine sh -c "tar -xvzf /backup/portal-volumes.tar.gz"

	Xerean_x	
[root@]vi	nqa006717 Backup]# docker runrmvolumes-from tdm49_tdmweb_1 -v \$(pwd):/backup alpine sh -c "tar -xvzf /backup/portal-volumes.tar.gz"	
mnt/logs,		
mnt/logs,	/tdm/	
mnt/logs,	/tdm/TDMSchemaManagement.log	
mnt/logs,	/tdm/TDMDataFlowService.log	
mnt/logs,	/tdm/TDMDataReservation.log	
mnt/logs,	/tdm/TDMFindReserve.log	
mnt/logs,	/tdm/TDMGeneratorService.log	
mnt/logs,	/tdm/TDMLegacyExecuterService.log	
mnt/logs,	/tdm/TDMModelService.log	
mnt/logs,	/tdm/TDMOrchestration.log	
mnt/logs,	/tdm/TDMPublish.log	
mnt/logs,	/tdm/TDMvDataService.log	
mnt/logs,	/tdm/TdmWeb.2020-02-07.0.log.zip	
mnt/logs,	/tdm/Tdmweb.2020-02-06.0.log.zip	
mnt/logs,	/tdm/TDMService.2020-02-06.0.log.zip	
mnt/logs,	/tdm/TDMConnectionProfileManager.log	
mnt/logs,	/tdm/TDMEventService.log	
mnt/logs,	/tdm/TDMMaskingService.tdmweb.2019-12-16.0.log.zip	
mnt/logs,	/tdm/Tdmweb.2020-02-09.0.log.zip	
mnt/logs	/tdm/TDMProjectService.2019-12-16.0.log.zjp	

OrientDB Restore

docker run --rm --volumes-from tdm49_orientdb_1 -v \$(pwd):/backup alpine sh -c "tar -xvzf

/backup/orientdb-volumes.tar.gz"



Oracle Restore

docker run --rm --volumes-from **tdm49_oracledb_1** -v \$(pwd):/backup alpine sh -c "tar -xvzf /backup/oracle-volumes.tar.gz"



Start the TDM Upgrade

Run the below command

Cd to the TDM4.9 directory

docker-compose -f docker-compose.yml -f docker-compose-masking.yml -f docker-compose-messaging.yml up -d

Starting tdm49	_messaging_1 done	
Starting tdm49	_orientdb_1 done	
Starting tdm49	_oracledb_1 done	
Starting tdm49	9_masking_1 done	
Starting tdm49	_masking_2 done	
Starting tdm49	9_masking_3 done	
Starting tdm49	_tdmweb_1 done	
Attaching to t	tdm49_messaging_1, tdm49_orientdb_1,	tdm49_oracledb_1, tdm49_masking_1, tdm49_masking_2, tdm49_masking_3, tdm49_tdmweb_1
masking_1	In: failed to create symbolic link	'/opt/tdm/logs/tdm': File exists
masking_1	In: failed to create symbolic link	'/opt/tomcat/temp/logs/fdm': File exists
masking_1	In: failed to create symbolic link	'/opt/tdm/Jobs/Jobs': File exists
masking_2	In: failed to create symbolic link	'/opt/tdm/logs/tdm': File exists
masking_2	In: failed to create symbolic link	'/opt/tomcat/temp/logs/fdm': File exists
masking_1	In: failed to create symbolic link	'/opt/tdm/objects/objects': File exists
masking_1	In: failed to create symbolic link	'/opt/tdm/ssl-cert/ssl-cert': File exists
masking_1	In: failed to create symbolic link	'/opt/tomcat/jdbc-drivers/jdbc-drivers': File exists
masking_1	Not first container startup	
masking_1	Skipping configuration tasks	
masking_1		
masking_2	In: failed to create symbolic link	'/opt/tdm/Jobs/Jobs': File exists
masking_2	In: failed to create symbolic link	'/opt/tdm/objects/objects': File exists
masking_2	In: failed to create symbolic link	'/opt/tdm/ssl-cert/ssl-cert': File exists
masking_2	In: failed to create symbolic link	'/opt/tomcat/jdbc-drivers/jdbc-drivers': File exists
masking_2	Not first container startup	
masking_2	Skipping configuration tasks	
masking_2		
masking_3	In: failed to create symbolic link	'/opt/tdm/logs/tdm': File exists
masking_3	In: failed to create symbolic link	'/opt/tomcat/temp/logs/fdm': File exists
masking_3	In: failed to create symbolic link	'/opt/tdm/Jobs/Jobs': File exists
	In: failed to create symbolic link	'/opt/tdm/objects/objects': File exists
orientdb_1	Setting root password	
masking_3	In: failed to create symbolic link	'/opt/tdm/ssl-cert/ssl-cert': File exists
	In: failed to create symbolic link	'/opt/tomcat/jdbc-drivers/jdbc-drivers': File exists
	Not first container startup	
	Skipping configuration tasks	
	Start up Oracle Database	
tdmweb_1	In: failed to create symbolic link	'/opt/tdm/logs/tdm': File exists
	Fri Feb 14 16:16:32 UTC 2020	
tdmweb_1	In: failed to create symbolic link	/opt/tdm/Jobs/Jobs': File exists
tdmweb_1	In: failed to create symbolic link	/opt/tdm/objects/objects : File exists
tdmweb_1	in: failed to create symbolic link	/opt/tdm/ssi-cert/ssi-cert: File exists
tdmweb_1	In: failed to create symbolic link	'/opt/tomcat/jdbc-drivers/jdbc-drivers': File exists
tdmweb_1	Not first container startup	
tdmweb_1	skipping configuration tasks	

Post Upgrade

docker ps						
[root@]vnq	a006717 ~]# docker p	5			
CONTAINER	ID	IMAGE			COMMAND	
	CREATED		STATUS		PORTS	
				NAMES		
01f4107476	ae	tdm.package	es.ca.com/tdm/td	mweb:4.9.0.12	"/opt/tdm/bin/t	t
dmweb"	2 hours a	igo l	Jp About an hour		8080/tcp, 0.0.0.0:844	1
3->8443/tc	р			tdm49_t	dmweb_1	
3c94e91528	b9	store/orac	le/database-ente	rprise:12.2.0	.1 "/bin/sh -c '/k)
in/ba"	23 hours	ago l	Jp About an hour	(healthy)	0.0.0.0:1521->1521/to	6
p, 5500/tc	р			tdm49_o	racledb_1	
6dc7c9ef58	0b	tdm.package	es.ca.com/tdm/ma	sking:4.9.0.1	2 "/opt/tdm/bin/t	t
dmweb"	23 hours	ago l	Jp About an hour		8080/tcp	
				tdm49_m	asking_2	
372fb4e644	b3	tdm.package	es.ca.com/tdm/ma	sking:4.9.0.1	2 "/opt/tdm/bin/t	t
dmweb"	23 hours	ago l	Jp About an hour		8080/tcp	
				tdm49_m	asking_3	
10d228c5db	82	tdm.package	es.ca.com/tdm/ma	sking:4.9.0.1	2 "/opt/tdm/bin/t	t
dmweb"	23 hours	ago l	Jp About an hour		8080/tcp	
			(- I (tdm49_m	asking_1	
150c465ad/	d1	tdm.package	es.ca.com/tdm/me	ssaging:4.9.0	.12 "/opt/tdm/set_c	<u>.</u>
reds"	23 hours	ago l	Jp About an hour		4369/tcp, 56/2/tcp, 1	L
56/1-156/2	/tcp, 256	ο/2/τcp, 0.0	0.0:56/1->56/1/	tcptdm49_m	essaging_1	
perpreseec	b2	tdm.package	es.ca.com/tdm/or	1entdb:2.2.33	"/opt/tdm/bin/c)
rient"	23 nours	ago	op about an hour	+ .l 40	2424/tcp, 2480/tcp	
				tam49_o	r rentab_1	

docker logs <<TDM WEB Container ID >>

	tdm/Q oniontdh 1
[root@lvnqa006717 ~]# docker logs 01f4 First container startup Default config started	
No config files found in /opt/tdm/conf. C Mandatory files for generating keystore r Expected certificate file: /opt/tdm/ssl-c Expected key file: /opt/tdm/ssl-cert/tdm- Generating new keystore at: /opt/tdm/conf Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Host Name for which the certificate Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Installation folder name provided i Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Keystore with generated certificate Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Keystore with generated certificate Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Keystore with generated certificate Feb 14, 2020 3:59:37 PM com.ca.tdm.Genera INFO: Name of the KeyStore will be: .keys	Creating new default configuration. not found. cert/tdm-site.pem site.key /.keystore teTDMWebKeystore main e will be generated is: tdm-tdmweb teTDMWebKeystore main s: /opt/tdm teTDMWebKeystore main e will be saved at: /opt/tdm/conf teTDMWebKeystore main store
Skipping re-initialization of Logback, because we are u initialized	using logback xml configuration which is already
14-Feb-2020 16:21:44.947 INFO [main] org.apache.catalir application archive [/opt/tomcat/webapps/TestDataManag 14-Feb-2020 16:21:44.955 INFO [main] org.apache.catalir eb application directory [/opt/tomcat/webapps/ROOT] 14-Feb-2020 16:21:44.957 INFO [main] com.ca.tdm.TDMwebF	na.startup.HostConfig.deployWAR Deployment of web Jer.war] has finished in [25,215] ms na.startup.HostConfig.deployDirectory Deploying w PropertyReader.getProperty Reading Property: cata
14-Feb-2020 16:21:44.993 INFO [main] org.apache.catalir of web application directory [/opt/tomcat/webapps/ROOT] 14-Feb-2020 16:21:45.025 INFO [main] org.apache.coyote. ["https-jsse-nio-8443"]	na.startup.HostConfig.deployDirectory Deployment has finished in [37] ms AbstractProtocol.start Starting ProtocolHandler
14-Feb-2020 16:21:45.128 INFO [main] org.apache.coyote. ["ajp-nio-8009"] 14-Feb-2020 16:21:45.199 INFO [main] org.apache.catalir 330] milliseconds Encrypt One Block	AbstractProtocol.start Starting ProtocolHandler na.startup.Catalina.start Server startup in [217,

login to the TDM Portal

=	CCA. Test Data Ma	anager Portal Project: Manju [1.0]	
	Self Service Hows		ದಾ
	My Reservations	Name Email	
æ	My Clones	About CA Test Data Manager Portal ×	
Ŷ	VTDM	Version 4.9.0.12	
۰	Configuration	Instance ID ddf33805-efb1-4706-a8f9-3fc77a00b13f	
	Connection Profiles	Portfolio License Agreement (PLA)	
-	Access Control	ALUYE	
	Users		
	User Groups		
	ALM Credentials		

Upgrading the DataMaker and Components

To Upgrade the DataMaker, Javelin, Fast Data Maker, TDoD and other components, you can follow below steps.

Note: Same process is followed to install the DataMaker and other components on the client.

• Right Click on the GTServer.exe and choose Run as administrator



• Select "Next" to continue

0	GTServer Setup	×
	Welcome to the Prerequisites WizardThe setup has determined that some of the prerequisites needed to run this program are missing. This wizard will assist you in getting and installing those prerequisites. Click Next to continue to the list of prerequisites.Click Finish at any time to completely skip the installation of prerequisites and jump to the installation of the main program. Click Cancel to cancel the installation and exit the Setup Wizard.	
	Back Next Finish Cano	el



• Accept the License Agreement and select "Next"

	GTServer Setup	
Lice	nse Agreement Please read the following text carefully.	
CA pro and Pro	End User License Agreement (the "Agreement") for the CA software oduct that is being installed as well as the associated documentation d any SDK, as defined below, included within the product ("the oduct").	^
Can the Age By of t	refully read the following terms and conditions regarding your use of Product before installing and using the Product. Throughout this reement, you will be referred to as "You" or "Licensee." installing or using the Product, or by selecting the "I accept the terms the License Agreement" radio button below, and then clicking on the ext" button, you are	
		~
• I	accept the terms in the License Agreement	
OI	do not accept the terms in the License Agreement	

• Choose the components to be installed or upgraded. Note: Choose the **Default**

These programs are needed for the ap next to a prerequisite to select it for in	oplication to run. Click on the check bo nstall or to skip it.	x	
Name	Version	Action	^
.NET Framework 4.5.2	Required: any. Found an accept	Skip	
Silverlight 5 x64	Required: 5.1.30214.0 or higher	Skip	
✓ Java SE Runtime Environment 8 x64	Required: 1.8 or higher. Found:	Install	_
Uisual C++ 2010 SP1 x64 (MFC Se	Required: 40219.325 or higher	Skip	=
Visual C++ 2010 SP1 x86 (MFC Se	Required: 40219.325 or higher	Skip	
Visual C++ Redistributable for Vis	Required: 11.0.61030 or higher	Skip	
Visual C++ Redistributable for Vis	Required: 11.0.61030 or higher	Skip	
SQL Server Native Client 2012 x64	Required: 11.0.2100.60 or high	Skip	
ODP4.NET Deployer	Required: 4.112.3.0 or higher	Skip	
ODP4.NET 32 bit Deployer	Required: 4.112.3.0 or higher	Skip	20
✓ GTRemotePublish	Required: 4.9.0.43 or higher. F	Install	1
GT Group Job Executor	Required: 4.9.0.40 or higher. F	Install	
La et un Alta constan	named and an and the	T	~
Press the Next button to install the prerequ	uisites.		



x

From TDM 4.8 onwards, OpenJDK is installed, So choose "Next" to install
 AdoptOpenJDK JRE with Hotspot 8.0.212.04 (x64) Setup



• Accept License Agreement and select "Next" to proceed.

Please read the f	ollowing license ag	reement carefi	ılly		H
GNU GENERAL PUE Version 2, June	BLIC LICENSE 1991				^
Copyright (C) 1 59 Temple Place	1989, 1991 Free e - Suite 330,	Software Fo Boston, MA	oundation, In 02111-1307,	USA	
Everyone is per of this license	rmitted to copy e document, but	and distrib changing it	oute verbatin is not allo	copies wed.	
Preamble The licenses fo to share and cl is intended to softwareto ma	or most softwar hange it. By co guarantee your ake sure the so	e are design ntrast, the freedom to ftware is fr	ed to take a GNU General share and ch ree for all i	way your fro Public Licen nange free its users. Ti	eedom nse his ∽
✓ I accept the ter	ms in the License /	Agreement			



• Choose "Next"

Select the way yo	u want features to be insta	alled.
Click the icons in t	he tree below to change th	e way features will be installed.
	Add to PATH	AdoptOpenJDK Runtime Environment with Hotspot
	 JavaSoft (Oracle) reg IcedTea-Web 	This feature requires 91MB on your hard drive. It has 4 of 5 subfeatures selected. The subfeatures require 6KB on your
<	ш	> hard drive.
Location:	C:\Program Files\AdoptOpenJDK\jre-8.	0.212.04-hotspot\ Browse
-		

• Choose "Install"

Here and the set of th
Ready to install AdoptOpenJDK JRE with Hotspot 8.0.212.04 (
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.
Back Install Cancel

• Choose Finish to complete the OpenJDK installation.



Installing Remote Publish

• Select "Next"





• Select "Next" to continue the installation



• Select "Install" to continue the installation





• Select "Complete" to complete the installation

0	GTRemotePublish Setup	×
GTRemotePublish Setup	Complete	Advanced Installer
	Click the Finish button to exit the Setup Wizard.	
Collecting information		
Preparing installation		
Installing		
Finalizing installation		
/		
/		
	the second s	
	< Back Finish	Cancel

GT DataMaker Installation

• Select "Next" to continue the installation



• Select "Next" to continue the installation



• Select "Install" to continue the installation





• Select "Finish" to complete the installation



Test Data on Demand Installation

• Select "Next" to continue the installation





• Select "Next" to continue the installation



• Select "Install" to continue the installation





• Select "Finish" to complete the installation





Fast Data Masker Install

• Select "Install" to continue the installation

🧿 FastDataMasker Setup	<u>۵</u>
Gild-Tools FastDataMasker Setup	
Welcome to the FastDataMasker Setup Wizard	
The Setup Wizard will install FastDataMasker on your computer.	
	ast data
	🥪 masker
Click "Next" to continue.	
	< Back Next > Cancel

• Select "Accept the License Agreement " and select "Next" to continue the installation





• Select "Install " to continue the installation



• Select "Finish" to complete the installation





Javelin Install

• Select "Next" to continue the installation



• Select "Next" to continue the installation





• Select "Install" to continue the installation



• Select "Finish" to complete the installation





GT Server Install

• Select "Next" to continue the installation



• Select "Next" to continue the installation

0	GTServer Setup	- • ×
Installation Folder		Advanced Installer
 Collecting information Preparing installation 	This is the folder where GTServer will be installed.	
 Installing Finalizing installation 	To install in this folder, click "Next". To install to a different folder, entr "Browse".	er it below or click
	Folder: C: \Grid-Tools \GTServer\	Browse
	< Back Next >	Cancel



• Select "Install" to continue the installation



• Select "Finish" to complete the installation

0	GTServer Setup			×
GTServer Setup Complete				Advanced Installer
	Click the "Finish" button to exit t	he Setup Wiz	ard.	
Collecting information				
Preparing installation				
Installing				
Finalizing installation				
		< Back	Finish	Cancel

•



• Open the Datamaker , Right click and Run as Administrator

Reyste lin	
Feddram.	
Choose	
Open Open	
Open file location	
Troubleshoot compatibility	
Pin to Start	
Connect to the GTREP Profile	~
Test Data Repository (4.8) log in for CA Test Data Manager - Datamaker	×
Profile User Last Used As Last Used Database Created Modified Image: Sa - gtrep sa Test Data Repository (4.8.0.5) 2020-02-03 gtrep 2019-10-28 2019-10-28	200
	Þ
CA Test Data Manager - Datamaker User Logon	
Ødatamaker™	
User Name: Administrator	

 \bigcirc

 \checkmark

Password : ******



• Connect to the Source and Target Profiles

0		Dat	a Target and Data Source log	g in CA Test Data Manager - Datamaker
0		(Ødata	maker™
0	ø	Profile	DBMS	Database
7		sa - Travel_E Target	SQL Server (ODBC)	Travel_E
	$\overline{\mathbf{v}}$	sa - Travel Source	SQL Server (ODBC)	Travel
		Orders	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=LVNTEST004655\MSSQLSERV
		sa - CreditCard Source	SQL Server (ODBC)	CreditCard
		sa - CreditCard_E Target	SQL Server (ODBC)	CreditCard_E
		sa - Orders Source	SQL Server (ODBC)	Orders
		sa - Orders_E Target	SQL Server (ODBC)	Orders_E
		sa - Scramble	SQL Server (ODBC)	Scramble
	Г	Travel	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=LVNTEST004655\MSSQLSERV
	31	Connect	Get profiles from	
		Connect	Data Source • Repository	

• Validate the version on the DataMaker

CA Test Data Manager - Datamaker	_ 6 >
Settings Window Help	
	4.9.0.99 [S14] 4.8.20



Post Upgrade Process

Changing Portal Logs Directory: Link

Configuring the Telemetry: Link

Upgrade Validation

Note: Common examples for validation are explained below, you can have your own validation process depending on your environment.

Validation	Comment	
1	Check the Version of TDM Portal -> Should match the version of the TDM Portal Installer	About CA Test Data Manager Portal Version 4.9.0.12 Instance ID ddf33805-efb1-4706-a8f9-3fc77a00b13f Portfolio License Agreement (PLA) Active
2	Check the Version of GT DataMaker -> Should match the version of the GTServer Installer	CA Test Data Manager - Datamaker Settings Window Help 4.9.0.99 [S14] 4.8.201 3
3	Validate the Projects in TDM Portal and DataMaker	Projects Test Data Data Target Data Source Security Data Subset Data F Context: DataCatalog Context: DataCatalog DataCatalog DataCatalog DigitalSV_Integration DigitalBank DigitalBank FindandReserve JSON_Project MaskingDemo MaskingDemo SOA - Example Project - Oracle StoreFront - Example Project - Oracle StoreFront - Example Project - Oracle Training - Travel System - DB2 Training - Travel System - SQL Server Training - Travel System - SQL Server Travel_Demo



4	Check the Connection Profiles	 ↓ ↓	Modeling Data Masking Pil Audit Generators Orchestration Self Service Flows Self Service Flows Submitted Requests My Reservations My Clones TDM	★	Source I Source I Cdd Digl_b2 digibar Digital Digital Medica Order Order Travel	ection P Profile: «None» Name nk_profile & shredder Bank_new IankDB re e E	Target Profiles Target Profile: D D D d d M 0 0 1 T τ	New PROFI None> atabase Name dd gitBank_Shredder gitalbank ledicare rders_ edicare avel_e avel_e	LE Server LVATESTC localhost localhost localhost localhost LVATESTC LVATESTC LVATESTC LVATESTC	01182:1433 178 001182 001182 001182 001182 001182 001182	DBMS SQL Server SQL Server SQL Server SQL Server SQL Server SQL Server SQL Server SQL Server
5	Execute a sample Publish Job and it should run successfully.		Data Masking Data Masking PII Audit Generators Orchestration Self Service Flow Self Service Cata Submitted Required	Data 1	Manage	r Portal Subr Requ All Project 1D • 175 168 167 166	nitted Jests is Publish_Tr. Publish_Tr. Publish_Tr.	Gener Type PUBLISH PUBLISH PUBLISH	ators Status Completed Completed Failed	Project Name DataCatalog DataCatalog DataCatalog DataCatalog	Submitted By Administr Administr Administr

Reference Documents:

- <u>Upgrade Documentation</u>
- Broadcom Support